

Date: Thu, 1 Apr 93 19:03:18 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #407
To: Info-Hams

Info-Hams Digest Thu, 1 Apr 93 Volume 93 : Issue 407

Today's Topics:

 \$40.00 Radio Shack SWR meter problems
 \$7 QST 2M Beam errors?
 2nd attempt UHF TV ANT QUESTIONS
 AM on 10 Meters? (2 msgs)
ARRL living in the past? (was Re: motive ...)
 Callsign processing time
 CW Keyers...
 Help! Harris/PRD 6690A - Bolometers
 Looking for Ham stores in Bay area
 motive ...
 Questions about UHF Television Antenna System
RFD: rec.radio.amateur reorganization [discussion summary 3/31] (2 msgs)
 Solar Constant Measurements in Near-Real-Time
 Wanted: Manual for YAESU FT200

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 1 Apr 93 20:59:14 GMT
From: gdrew@mimsy.umd.edu
Subject: \$40.00 Radio Shack SWR meter problems
To: info-hams@ucsd.edu

In article <1993Mar29.221840.27839@sj.ate.slb.com> jones@sj.ate.slb.com (Clark Jones) writes:

>mei.mon (mei.mon@mixcom.mixcom.com) wrote:

>: I plugged in my Alinco DJ580T running at 5 watts on 446 MHz and tested

>: SWR and power output into my Cushcraft mag-mount mobile. Radio Shack's
>: little dream machine said SWR was only 1.1 (okay maybe it IS that good)
>: and that power output was 12 Watts! I know for sure that the DJ580 does
>
>My meter claimed that my DJ-F1T was putting out nearly 3 watts on the 2
Me too :) My DJ-580T registered 6.? watts on the 5 watt setting when I last
tested it. I get the feeling that Alinco is rather conservative with their
max power ratings.

-- GDD

--

Greg Drew | N3MXX
gdrew@trellis.cs.umd.edu

Date: 1 Apr 93 08:24:59 EST
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!udel!
news.intercon.com!psinnntp!arrl.org@network.UCSD.EDU
Subject: \$7 QST 2M Beam errors?
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, greg@core.rose.hp.com (Greg Dolkas) writes:

>
>The latest copy of QST has an article about a low cost 3 element beam you can
>build. The pictures and text, however, don't match on the details. The
>diagram shows the reflector and director switched compared to the photo. No
>sweat, as I know that reflectors are longer, and are further from the driven
>element than the director. The photo is correct, the diagram is switched.
>
>The problem is the "matching section", i.e. the overlapped driven elements.
>The diagram and text say to connect the feed line to the ends of the rods.
>The photo shows it connected on the other diagonal corner.
>
>Which is correct?
>
>Thanks,
>
>Greg KD6KGW
>
>p.s. I am using 1/2 inch copper pipe instead of skinny brass rod for the
>elements. The thing seems to tune up too low (elements too long). Is this
>to be expected?

>

The diagram and the photo are reversed, but the dimensions shown in the diagram are correct (the length and spacing of the elements, for example).

The photograph supplied by the author show a temporary cable connection to the driven element, but for permanent use follow the instructions in the text and solder the cable to the protruding stubs.

Using 1/2-inch copper pipe rather than brass rods can indeed produce the effect you describe.

73...Steve, WB8IMY

Editor, "New Ham Companion" (QST)
ARRL

Date: 1 Apr 1993 18:54:14 GMT
From: newsstand.cit.cornell.edu!newsstand.cit.cornell.edu!usenet@uunet.uu.net
Subject: 2nd attempt UHF TV ANT QUESTIONS
To: info-hams@ucsd.edu

Date: Thu, 1 Apr 1993 16:43:25 GMT
From: saimiri.primite.wisc.edu!sdd.hp.com!hpscit.sc.hp.com!hplextra!hpl-opus!
hpspdla!billg@ames.arpa
Subject: AM on 10 Meters?
To: info-hams@ucsd.edu

Is AM legal on 10 meters? I'm wondering because I often here of SSB
CB-to-10M modifications, but never any AM CB-to-10M mods. I'd be
interested because I have two regular CBs and they're cheaper, even
though they waste power. I figure it would be a fun experiment anyway.

- Bill G

Date: Thu, 1 Apr 1993 21:10:47 GMT
From: haven.umd.edu!darwin.sura.net!udel!louie!huey.udel.edu!hanavin@ames.arpa
Subject: AM on 10 Meters?
To: info-hams@ucsd.edu

In article <108970002@hpspdla.spd.HP.COM> billg@hpspdla.spd.HP.COM (Bill Gingras) writes:

>
>Is AM legal on 10 meters? I'm wondering because I often here of SSB
>CB-to-10M modifications, but never any AM CB-to-10M mods. I'd be
>interested because I have two regular CBs and they're cheaper, even
>though they waste power. I figure it would be a fun experiment anyway.
>
>- Bill G
>

Yes AM is legal anywhere ssb is, but you must be a general class or higher operator. Novices are restricted to SSB only.

The AM window on ten is from 29.0 to 29.2 mhz.

Good luck with the conversion,

Chuck-WB3FJJ

Date: 1 Apr 93 23:47:01 GMT
From: ogicse!uwm.edu!linac!unixhub!slcsrv.slac.stanford.edu!gregs@network.UCSD.EDU
Subject: ARRL living in the past? (was Re: motive ...)
To: info-hams@ucsd.edu

jfh@netcom.com (Jack Hamilton) writes:

>BR.SJE@forsythe.stanford.edu (Steve Eastman) wrote:
>>>3. What would/did motivate you to join ARRL?
>>I will join when they explicitly deny any bias against gay folk.
>
>Unlike Steve, I will join the ARRL when my license arrives, because I think
>the ARRL performs valuable services. It is unfortunate, though, that the
>ARRL is so regressive in its social policies. Three examples:
>
>1) The ARRL has refused, according to several sources, to accept an ad for
> the Lambda Amateur Radio Club, a group of gay and lesbian amateur radio
> operators. I've heard different stories about what the ARRL did and
> said and what LARC did and said, but the fact remains that no ad has
> appeared. Has the question made it to the ARRL board, or was this
> decided by the staff?

Well, not to defend the ARRL, but I haven't seen any adds for all-women radio clubs, or all-whites, or all-young-republicans, etc. either. I always got the impression that ham radio was supposed to be something

open to everyone, and not defined by groups that discriminate membership based on race, sex, color, creed, religion, political affiliation, or sexual orientation. I don't know the circumstances behind this, but to jump to a conclusion that it was solely that the ARRL doesn't like gays or lesbians is a bit much.

>

>2) QST's attitude towards women hams seems to be somewhat condescending.

> The ARRL's intentions seem to be good, but not their implementation.

Society's attitude towards women seems somewhat condescending. When the first woman U.S. astronaut went into space, we didn't hear "another astronaut into space" but instead "the first U.S. woman astronaut!!", which is sort of condescending -- like "hey! we've got a woman in space!" She couldn't be just an astronaut, no - she was a WOMAN astronaut. Hardly equal treatment -- a little more like patronizing perhaps. True equality comes when your sex is truly irrelevant to your job and accomplishments.

You see that sort of thing at some engineering firms too. And like the ARRL, historically they haven't been known as major stomping grounds for women. So you get organizations like engineering firms and the ARRL with apparent attitudes that seem like, "Yes! We HAVE women!" In part that may seem a bit patronizing, but for the most part I think it is done to let women know that the door is open to them as well.

>

>3) The definition of "family" for a family membership comes from a

> different time, not that it was ever valid. It excludes not only

> gay and lesbian couples and their children, but children who live

> with their aunts and uncles, grandparents, or other family members.

Who can keep up with the definitions of family the past decade or so? I sure can't. It does seem, though, that a lot of hams I know are of an older generation. Recent policy changes have changed that, which is great for its survival. But I do think there is some truth in that you have people who were born and raised to think in the standard operating procedure of a couple generations ago who are now in charge of policy, and the easiest thing to do about policy changes is NOTHING.

I am not an ARRL member myself though, because for me it isn't worth it - but then I got my ticket as a tool for my volunteer work rather than for the sake of being a ham in and of itself.

greg

Date: Thu, 1 Apr 1993 22:56:13 GMT

From: mvb.saic.com!unogate!news.service.uci.edu!usc!zaphod.mps.ohio-state.edu!
malgudi.oar.net!caen!nic.umass.edu!noc.near.net!inmet!cobra!
bwhite@network.UCSD.EDU
Subject: Callsign processing time
To: info-hams@ucsd.edu

In article <91021@hydra.gatech.EDU> gt7479c@prism.gatech.EDU (Duncan Sinclair)
writes:

>In article <1993Apr1.100252.692@cho006.cho.ge.com> wright_t@cho006.cho.ge.com
writes:

>> ... Feb 13 to Mar 31 Licensing Delay

>>Tim Wright

>>KD4Z00

>

> ... Feb 1 to Mar 31 delay

>

>Duncan Sinclair

>KD4ZGH (It's hard to say, but at least it's a callsign).

... Feb 1 to Mar 23 delay

Bill White
N10SA

Date: 1 Apr 93 14:31:34 GMT
From: sun-barr!news2me.EBay.Sun.COM!cronkite.Central.Sun.COM!texsun!wb9rxw!kf5iw!
cmptrc!mitch@decwrl.dec.com
Subject: CW Keyers...
To: info-hams@ucsd.edu

I am thinking about building a CW Keyer. Has anybody built the Ramsey Keyer kit?
I am wondering how well it works. Was it fairly straitforward in assembly? from
the picture of it in the catalog it looks fairly simple. Is the case worththe
extra \$13 for it? Is it worth the money? or should I look into buying an off
the shelf unit. I would rather build if I could, allways good to learn something
new.

Thanks!
Mitcheal
KA5S0I
(tech+ now heading towards general and beyond!)

Date: Tue, 30 Mar 1993 19:47:49 GMT
From: tarpit!bilver!jwt!ksj@uunet.uu.net
Subject: Help! Harris/PRD 6690A - Bolometers

To: info-hams@ucsd.edu

> Does anyone have a copy of the schematic, or better yet, the service
> manual for a Harris/PRD 6690A milliwatt power meter? I have one
> which has died and I'd really like to measure my 10Ghz gear.

Have you considered calling Harris Corporation in Quincy, Massachusetts?
There are very few of their products, no matter how old, that they don't
have schematics and service manuals for. (217) 222-8200.

Scott

Date: 1 Apr 93 10:02:11 CST
From: elroy.jpl.nasa.gov!usc!zaphod.mps.ohio-state.edu!menudo.uh.edu!jpunix!mwk!
gleason@ames.arpa
Subject: Looking for Ham stores in Bay area
To: info-hams@ucsd.edu

I'll be heading out to the San Francisco Bay area in a few weeks...
could someone please tell me where some big Ham equipment stores
are out there?

Lee K. Gleason N5ZMR
Control-G Consultants
gleason@mwk.com

Date: 1 Apr 93 12:00:47 EDT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!zaphod.mps.ohio-state.edu!
darwin.sura.net!udel!news.intercon.com!psinntp!arrl.org@network.UCSD.EDU
Subject: motive ...
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, mcovingt@aisun3.ai.uga.edu (Michael Covington) writes:
>
. (KY1T, are you listening? Feel free to pass this
>message around Newington...)
>

I'm listening, I'm listening. But -- DURN! -- this here compu-tater
(distant relation to the SPUD, methinks) ain't SPEAKIN nuttin to me...

No need for me to spread it around ARRL HQ; most of us are already seeing
this stuph each day already. It's a done deed.

N

			Deputy Manager, Field Services, ARRL.
			The ARRL Amateur Radio Emergency Service, the ARRL
	uck	urder	National Traffic System, The Amateur Auxiliary to
	-----		the FCC's Field Operations Bureau, the ARRL
	KY1T		Field Organization and the ARRL Monitoring System.

lhurder@arrl.org Prodigy - MGTS39A, BIX - ARRL,
 MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"
 Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ

Date: 1 Apr 1993 18:46:46 GMT
From: newsstand.cit.cornell.edu!newsstand.cit.cornell.edu!usenet@uunet.uu.net
Subject: Questions about UHF Television Antenna System
To: info-hams@ucsd.edu

Date: 1 Apr 93 13:55:27 CST
From: sdd.hp.com!zaphod.mps.ohio-state.edu!wupost!udel!bogus.sura.net!news-
feed-1.peachnet.edu!umn.edu!noc.msc.net!uc.msc.edu!raistlin!timbuk.cray.com!
hemlock.cray.com@saimiri.prima.wisc.edu
Subject: RFD: rec.radio.amateur reorganization [discussion summary 3/31]
To: info-hams@ucsd.edu

In article <efB803hDceof00@amdahl.uts.amdahl.com>, ikluft@uts.amdahl.com (Ian Kluff) writes:

> [...]
> Tally so far: 13 in favor, 7 opposed, 8 unclear or undecided
> Several of the "in favor" messages included modifications to the RFD which may
> or may not be conditional. So this number represents 13 in favor of a split
> but not necessarily for the exact proposal in the RFD.

So, what you're saying is that a grand total of 28 people have expressed
an opinion and less than half of those were obviously for it ?

> WHAT WE NEED TO DO NOW IS BRING TOGETHER THE SUGGESTIONS WE HAVE INTO A
> [...]

Sigh...

[note news.groups deleted 'cos I'm sure they're sick of notes like this].

--

andyw. NØREN/G1XRL

andyw@aspen.cray.com Andy Warner, Cray Research, Inc. (612) 683-5835

Date: 1 Apr 93 20:29:11 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!zaphod.mps.ohio-state.edu!
darwin.sura.net!sgiblab!pacbell.com!amdahl!amdahl!jgt10@network.UCSD.EDU
Subject: RFD: rec.radio.amateur reorganization [discussion summary 3/31]
To: info-hams@ucsd.edu

ikluft@uts.amdahl.com (Ian Kluft) writes:

[... status and stuff deleted ...]

>Let the discussion continue... I'll try to put together a picture of what
>looks like it can pass a vote as people say what they can support.

>For reference - recap of RFD proposals

>-----
>Summary of RFD proposed newsgroups (Option I)

>-----
>(all groups unmoderated)

>Newsgroup name	description
>-----	-----
>rec.radio.amateur.misc	all Ham radio topics not covered below
>	i.e. video, stories, humor, new topics
>	[no modification to existing newsgroup]
>rec.radio.amateur.policy	regulations & policy issues
>	[no modification to existing newsgroup]
>rec.radio.amateur.digital.misc	packet radio & other digital modes
>	[includes old rec.radio.amateur.packet]
>rec.radio.amateur.digital.tcp-ip	TCP/IP via packet radio
>rec.radio.amateur.operating	Operating procedures and questions: DX,
>	CW, contests, propagation, repeaters
>rec.radio.amateur.products	manufactured equipment, modifications
>rec.radio.amateur.instruction	Ham radio instruction & examination
>rec.radio.amateur.construction	homebrewing & experimentation
>rec.radio.amateur.space	amateur radio in space: satellites,
>	earth-moon-earth (EME), shuttle, MIR
>rec.radio.amateur.emerg-services	emergency services: RACES, ARES, NTS

I feel the above breakdown is too fine.

>Summary of RFD proposed newsgroups (Option II - "the .tech option")

>-----

```

>(all groups unmoderated)
>Newsgroup name                description
>-----
[...]
```

>rec.radio.amateur.operating	Operating procedures and questions: DX,
>	CW, contests, propagation, repeaters
>rec.radio.amateur.emerg-services	emergency services: RACES, ARES, NTS
>rec.radio.amateur.tech	Technical discussions about Ham Radio:
>	construction, satellites, theory,
>	examinations, video

I like the above breakdown. Although I wonder if there might be some cross over on the examination issues (as there might be on a lot of things for that matter).

And for that matter (just for good measure) add a

rec.radio.amateur.flame

Since we have issue that count as flame wars by any definition I've seen, let acknowledge them and send them to their own pergatory.
(maybe that should be rec.radio.amatuer.static or rec.radio.static :)

A side issue that may help the implementation of a news group reorg. Part of the problem may be lack of knowledge of the definition of the groups. I would suggest a weekly 'reminder' of the group definitions.

--

John G. Thompson	Amdahl Corporation	jgt10@uts.amdahl.com
KD6KID	P.O. Box 3470 MS 340	{sun,uunet}!amdahl!jgt10
	Sunnyvale, CA 94088	1-408-737-5708

Go ahead, flame me...I've got heavy duty surge protectors.

[The opinions expressed above are mine, solely, and do not]
[necessarily reflect the opinions or policies of Amdahl Corp.]

Date: 1 Apr 93 22:31:05 GMT
From: news-mail-gateway@ucsd.edu
Subject: Solar Constant Measurements in Near-Real-Time
To: info-hams@ucsd.edu

ATLAS-2 Daily Solar Constant Measurements

Each day during the ATLAS-2 mission (from the 1st of April
and for 3 weeks) [EDITOR'S NOTE: It now looks like this will

go on April 6/7 on the next shuttle mission) we will provide measurements of the Solar Constant. Those data will be stored in files that will be accessible via anonymous FTP or with a special FINGER command.

The measurements are performed by the absolute radiometer SOVA1 on the satellite EURECA. They are treated to provide the value of the solar irradiance reduced to one astronomical unit (solar constant), and they are given in Watt per square meter.

Each day, a file containing those data will be made available at the site XI.ULETH.CA (142.66.3.29) through anonymous FTP. The file will be stored in the directory "pub/solar/Constant" and its name will have the following syntax: scYYMMDD.sov, where YYMMDD represents the date of the day concerned.

The same data would be available through a special FINGER function. To obtain the most recent set of observations, you would simply type (at an Internet-connected site): "finger constant@xi.uleth.ca" or "finger constant@142.66.3.29". Either of these commands would then return the last set of observations.

We would like to thank here the "Solar Terrestrial Dispatch" for providing us the data dissemination services. We also thank Cary Oler for his help and his efficient collaboration.

Here is an example of the syntax that is used within those files:

```
###HEADER###
SOVA1 (EURECA) SOLAR CONSTANT MEASUREMENTS FOR 05-APR-93
###DATA###
02:31:34      1366.34
03:45:23      1366.47
...
23:36:04      1365.87
###COMMENT###
This is a comment.
...
This is another comment.
###END###
```

The file contains thus three parts: a HEADER, the DATA and some COMMENTS. The DATA part contains an arbitrary number of

lines (maximum 16), each line corresponding to one orbit of EURECA (more or less 90 minutes). The first field of those lines represent the time within given in HH:MM:SS. The second field contains the solar constant averaged on the lighted part of the orbit. The time that is given represents the average of the times of the measurements within the orbit.

If you have any question or comment, you can contact us by e-mail at the following address:

Royal Meteorological Institute of Belgium (IRMB)

Department of Aerologie

Dominique Crommelynck
Benoit Penelle

3 avenue Circulaire
B-1180 Bruxelles
Belgium

Phone: (32-2) 373.0601
Fax: (32-2) 373.6788
E-mail: sova@atmos.oma.be

--Dominique Crommelynck, Benoit Penelle, Cary Oler

Date: 1 Apr 1993 13:39:17 -0500
From: newshub.nosc.mil!vela.acs.oakland.edu!cs.uiuc.edu!ux1.cso.uiuc.edu!
sdd.hp.com!zaphod.mps.ohio-state.edu!darwin.sura.net!gatech!concert!msai.com!
msai.com!not-for-mail@network.UCSD.EDU
Subject: Wanted: Manual for YAESU FT200
To: info-hams@ucsd.edu

Hello all,

I am new to the hobby and recently purchased a YAESU model FT200 HF SSB transceiver. However, the seller did not have the manual. This rig is ~20 years old.

Does anyone know where I can obtain the manual (and schematics too if possible) for this rig?

Thanks in advance for the help!!

--

Chip McFalls
mcfalls@msai.com

Date: 1 Apr 1993 14:30:20 -0800
From: overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!usenet.ufl.edu!
usenet.cis.ufl.edu!caen!zaphod.mps.ohio-state.edu!usc!sol.ctr.columbia.edu!eff!
ssd.intel.com!ichips!@dog.ee.lbl.gov
To: info-hams@ucsd.edu

References <12182@news.duke.edu>, <C4puEt.wp@pacifier.rain.com>,
<C4r98t.4p3@cbnewsc.cb.att.com>sen
Subject : Re: "CB transplants"

In article <C4r98t.4p3@cbnewsc.cb.att.com> k9jma@cbnewsc.cb.att.com
(edwin.m.schaefer) writes:

>

>...and some of us have been hams long enough to have operated legally
>on the 11 meter band when it was allocated to the amateur radio service.
>In those days "CB" was up at 450 Megacycles. Anybody remember the
>"Vocaline" rigs that were available for that CB band?

>

I have never met anyone who has told me they actually conducted two-way
communication on 11 meters when it was a ham band. I had a Collins 75A-1
when I was a novice in 1968 and it had the 11 meter band on it. I asked
other hams about this band and nobody had ever used it.

Articles, editorials, and correspondence from 1950's QST magazines I have
read indicate that hams and ARRL were under attack from the FCC for not
making use of the 11 meter band. The ARRL's response was something like,
"Well, we had a contest there last year".

And no, I never touched a CB radio mike before becoming a ham. Some old
magazine, maybe Electronics Illustrated, did a history of the 11 meter
band. The article claimed that Rommel's Afrika Corps used it among other
things.

WA7LDV

End of Info-Hams Digest V93 #407
